Met Office Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Monday 06 Dec 2021 until 23:59 on Tuesday 07 Dec 2021

Forecast Issued on Monday 06 Dec 2021 at 03:21

Confidence: High for unsettled weather with spells of rain or snow. Some particularly hazardous hill conditions on Tuesday.

Headline for Monday 06 Dec 2021: Rain, sleet or snow clearing to bright spells and wintry showers. Cold and windy.

Mountain weather hazards on Monday 06 Dec 2021

Blizzards Low Likelihood	**Heavy Snow** Low Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy snow	Heavy snow	Heavy snow	Heavy snow showers	Heavy snow showers (night)	Heavy snow showers (night)
Precipitation probability					
60%	90%	60%	40%	30%	30%

Forecast for Monday 06 Dec 2021

Weather: Outbreaks of rain, with sleet or snow above around 300m, arriving during the morning. Turning heavy for a time but clearing eastwards into the afternoon. Bright or clear spells and occasional blustery showers will follow, these wintry above around 300-400m with a risk of hail and thunder. Feeling bitterly cold at height with the strong winds.

Chance of cloud free mountain/hill tops above 600m: 10% during the morning with widespread low cloud, improving into the afternoon to become generally 80% though cloud occasionally shrouding the tops in showers.

Visibility: Very poor in the morning in rain, snow and widespread low cloud down to 300-400m. Improving to become good into the afternoon between showers, which will bring some locally poor visibilities and low cloud on the tops as they move through from the west.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Monday 06 Dec 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	21/29 S	22/30 S	13/20 SW	14/23 W	17/26 W	18/28 W	18/29 W
300	11/24 S	11/25 S	7/18 W	10/23 W	12/26 W	12/27 W	12/28 W
Valley	11/26 S	9/24 S	6/17 SW	10/23 W	7/17 W	8/21 W	7/19 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	0/-7	0/-7	1/-5	0/-6	-1/-7	-0/-7	-0/-7
300	2/-2	1/-4	2/-1	2/-2	1/-4	2/-3	1/-4
Valley	4/0	2/-2	4/2	4/0	3/0	3/0	2/-0
Freezing Level*	600m	400m	600m	600m	500m	500m	500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A bitterly cold day up in the hills with a very significant wind chill at height. Winds may gust 40mph at times on summits.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Mon 06 Dec 2021	0mm	0mm	0mm

Forecast for Tuesday 07 Dec 2021

Weather: Wintry showers dying out overnight with clear spells and a frost developing. A dry and bright start but conditions will deteriorate. A spell of sleet or snow and very strong winds from around midday onwards with blizzards possible over high ground. Sleet or snow becoming more showery by dusk but some showers heavy with hail and thunder possible.

Maximum wind: South or Southeast 15-20mph, increasing to mean speed 35-45mph with gusts 60-70mph.

Chance of cloud free mountain/hill tops above 600m: 90% at first, becoming 10% into the afternoon.

Visibility: Very good for most of the morning but deteriorating quickly early afternoon. Extensive cloud developing above 400m with blizzard conditions possible on the summits.

Temperature: **Valleys:** Minus 1C rising to Plus 2 or 3C.
At 600m: Minus 1C.
Freezing level: 300m, rising to 500m in evening.

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